

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

10976

Application Number

08/962,560

Applicant(s)

Douglas J. Hilton et al.

Filing Date

October 31, 1997

Group Art Unit

1653
4643

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AG						
	AD						
	AE						
	AF						
	AG						
	AH						
	AG						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
AL							
AM							
AN							
AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	W.S. Alexander et al. (1995) "Point Mutations Within a Dimer Interface Homology Domain of c-Mpl
	Induce Constitutive Receptor Activity and Tumorigenicity" <i>The Embo Journal</i> 14: 5569-5578.
AR	S.F. Altschul et al. (1990) "Basic Local Alignment Search Tool" <i>J. Mol. Biol.</i> 215: 403-410.

EXAMINER

W. Alexander

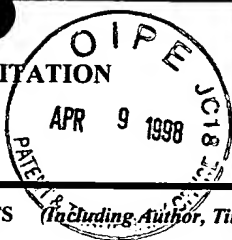
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BA

J.F. Bazan (1990) "Haemopoietic Receptors and Helical Cytokines" *Immunology Today* 11 (10): 350-354.

BB

R.L. Cutler et al. (1993) "Multiple Cytokines Induce the Tyrosine Phosphorylation of Shc and its Association With Grb2..." *The Journal of Biological Chemistry* 268 (29): 21463-21465.

BC

J.E. Darnell, Jr. et al. (1994) "Jak-STAT Pathways and Transcriptional Activation in Response to IFNs and Other Extracellular Signaling Proteins" *Science* 264: 1415-1421.

BD

M. David et al. (1995) "Requirement for MAP Kinase (ERK2) Activity in Interferon - alpha and Interferon - beta Stimulated Gene Expression Through STAT Proteins" *Science* 269: 1721-1723.

BE

M. David et al. (1996) "STAT Activation by Epidermal Growth Factor (EGF) and Amphiregulin" *The Journal of Biological Chemistry* 271 (16): 9185-9188.

BF

A. Dugaiczky et al. (1983) "Cloning and Sequencing of a Deoxyribonucleic Acid Copy of Glyceraldehyde-3-phosphate Dehydrogenase Messenger Ribonucleic Acid..." *Biochemistry* 22: 1605-1613.

BG

J.E. Durbin et al. (1996) "Targeted Disruption of the Mouse Stat1 Gene Results in Compromised Innate Immunity to Viral Disease" *Cell* 84: 443-450.

BH

T. Etzold et al. (1996) "SRS: Information Retrieval System for Molecular Biology Data Banks" *Methods in Enzymology* 266: 114-128.

BI

S. Gupta et al. (1996) "The SH2 Domains of Stat1 and Stat2 Mediate Multiple Interactions in the Transduction of IFN- Signals" *The EMBO Journal* 15 (5): 1075-1084.

BJ

D.J. Hilton (1994) "An Introduction to Cytokine Receptors" *Guidebook to Cytokines and Their Receptors* Oxford, England: Oxford University Press.

BK

D.J. Hilton et al. (1994) "Cloning of a Murine IL-11 Receptor -chain; Requirement for gp130 for High Affinity Binding and Signal Transduction" *The EMBO Journal* 13 (20): 4765-4775.

BL

D.J. Hilton et al. (1996) "Saturation Mutagenesis of the WSXWS Motif of the Erythropoietin Receptor*" *The Journal of Biological Chemistry* 271 (9): 4699-4708.

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CA	Y. Ichikawa (1969) "Differentiation of a Cell Line of Myeloid Leukemia" <i>J. Cell. Physiol.</i> 74: 223-234.
CB	J.N. Ihle (1995) "Cytokine Receptor Signalling" <i>Nature</i> 377: 591-594
CC	M.H. Kaplan et al. (1996) "Stat6 is Required for Mediating Responses to IL-4 and for the Development of Th2 Cells" <i>Immunity</i> 4: 313-319.
CD	M.H. Kaplan et al. (1996) "Impaired IL-12 Responses and Enhanced Development of Th2 Cells in Stat4-deficient Mice" <i>Nature</i> 382: 174-179.
CE	D.W. Leaman et al. (1996) "Roles of JAKs in Activation of STATs and Stimulation of c-fos Gene Expression by Epidermal Growth Factor" <i>Molecular and Cellular Biology</i> 16 (1): 369-375.
CF	M.A. Meraz et al. (1996) "Targeted Disruption of the Stat1 Gene in Mice Reveals Unexpected Physiologic Specificity in the JAK-STAT Signaling Pathway" <i>Cell</i> 84: 431-442.
CG	S. Mizushima and S. Nagata (1990) "pEF-BOS, A Powerful Mammalian Expression Vector" <i>Nucleic Acids Research</i> 18 (17): 5322.
CH	M. Murakami et al. (1991) "Critical Cytoplasmic Region of the Interleukin 6 Signal Transducer gp130 is Conserved in the Cytokine Receptor Family" <i>Proc. Nat'l. Acad. Sci. USA</i> 88: 11349-11353.
CI	E.J. Neer et al. (1994) "The Ancient Regulatory-protein Family of WD-repeat Proteins" <i>Nature</i> 371: 297-300.
CJ	N.A. Nicola et al. (1996) "Molecular Cloning of Two Novel Transmembrane Ligands for Eph-related Kinases (LERKS) That Are Related to LERK-2" <i>Growth Factors</i> 13: 141-149.
CK	U. Novak et al. (1995) "Colony-stimulating Factor 1-Induced STAT1 and STAT3 Activation Is Accompanied by Phosphorylation of Tyk2 in Macrophages and Tyk2 and JAK1 in Fibroblasts" <i>Blood</i> 86 (8): 2948-2956.
CL	W.R. Pearson et al. (1988) "Improved Tools for Biological Sequence Comparison" <i>Proc. Nat'l Acad. Sci. USA</i> 85: 2444-2448.

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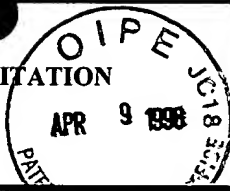
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WJ	DA	W.R. Pearson (1990) "Rapid and Sensitive Sequence Comparison With FASTP and FASTA"
		<i>Methods in Enzymology</i> 183: 63-99.
WJ	DB	J.R. Rayner and T.J. Gonda (1994) "A Simple and Efficient Procedure for Generating Stable Expression Libraries by cDNA in a Retroviral Vector" <i>Molecular and Cellular Biology</i> 14 (2): 880-887.
WJ	DC	N. Sato et al. (1993) "Signal Transduction by the High-affinity GM-CSF Receptor: Two Distinct Cytoplasmic Regions of the Common B-Subunit Responsible for Different Signaling" <i>The EMBO Journal</i> 12 (11): 4181-4189.
WJ	DD	K. Shimoda et al. (1996) "Lack of IL-4-induced Th2 Response and IgE Class Switching in Mice With Disrupted Stat6 Gene" <i>Nature</i> 380: 630-633.
WJ	DE	K. Shual et al. (1993) "Polypeptide Signalling to the Nucleus Through Tyrosine Phosphorylation of Jak and Stat Proteins" <i>Nature</i> 366: 580-583.
WJ	DC	S.R. Sprang et al. (1993) "Cytokine Structure Taxonomy and Mechanisms for Receptor Engagement" <i>Current Opinion in Structural Biology</i> 3: 815-827.
WJ	DG	K. Takeda et al. (1996) "Essential Role of Stat6 in IL-4 Signalling" <i>Nature</i> 380: 627-630.
WJ	DH	W.E. Thierfelder et al. (1996) "Requirement for Stat4 in Interleukin-12-mediated Responses of Natural Killer and T-Cells" <i>Nature</i> 382: 171-174.
WJ	DI	H. Wakao et al. (1994) "Mammary Gland Factor (MGF) Is a Novel Member of the Cytokine Regulated Transcription Factor Gene Family and Confers the Prolactin Response" <i>The EMBO Journal</i> 13 (9): 2182-2191.
WJ	DJ	Z. Wen et al. (1995) "Maximal Activation of Transcription by Stat1 and Stat3 Requires Both Tyrosine and Serine Phosphorylation" <i>Cell</i> 82: 241-250.
WJ	DK	Y. Taolin et al. (1993) "Hematopoietic Cells Phosphatase Associates With the Interleukin-3 (IL-3) Receptor B-Chain and Down-regulates Il-3-Induced Tyrosine Phosphorylation and Mitogenesis" <i>Molecular and Cellular Biology</i> 13 (12): 7577-7586.
WJ	DL	A. Yoshimura et al. (1995) "A Novel Cytokine-Inducible Gene CIS Encodes An SH2-containing Protein That Binds to Tyrosine-phosphorylated Interleukin 3 and Erythropoietin Receptors" <i>The EMBO Journal</i> 14 (12): 2816-2826.

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W. J. Hilton

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